

FIGURE 1

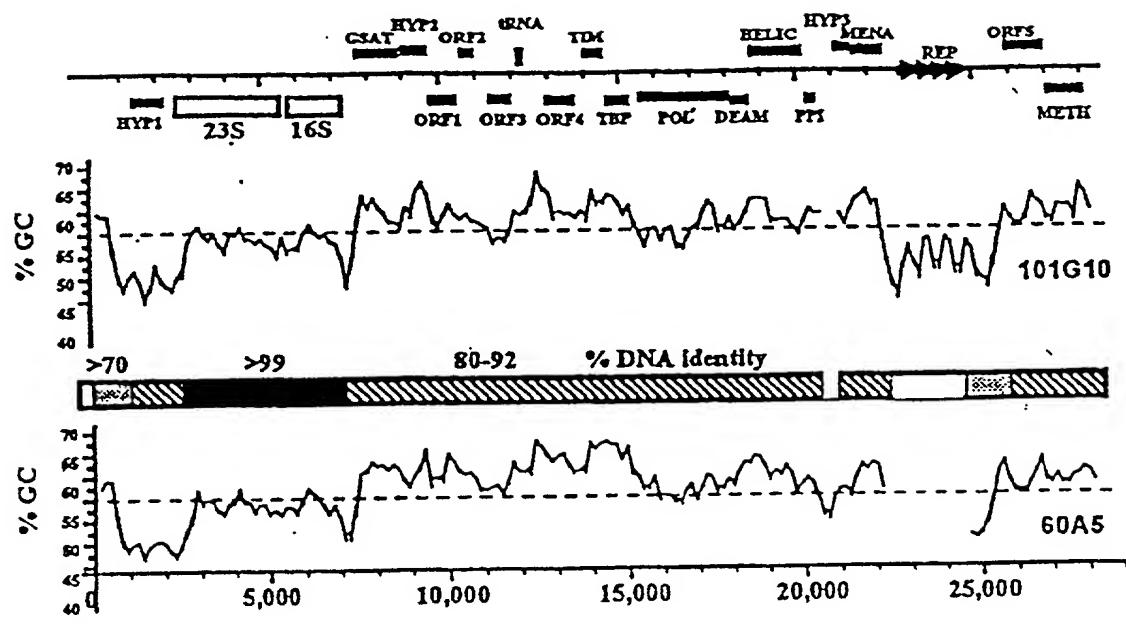


Figure 2

Eq. No.	Gene	Strain	TATA Box	Coding Start	TATA to Start (bp)
81	Hypoth 03	A	AAGCTAGACT TTTAAT TGGG ATCCGGCGGG CGGGCGCATG	-----	25
82		B	AAGCTAAACT TTTAAT TGGG ATCCGGCGAG CCGGCGCGTG	-----	
83	Hypoth 02	A	GGAAACTTTG ATTATA CGGG CGTGCCTGCC CGGGGCCAT G	-----	26
84		B	GGAAACTTTG ATTATA CGGG CGTACATTCC CGGGGCCAT G	-----	
85	ORF 02	A	AAGGCAAGGT AATAAT AGCC TGCCGTCGT ACGGCCGTA TG	-----	27
86		B	ACGGCAAGGT AATAAT AGCC TGCCGTCGT ACCTGCCGTA TG	-----	
87	ORF 03	A	CATGGAACTA GATATT AACC GGTCGCGGG ATCCCAGTCA TG	-----	27
88		B	CATGGAACTA GATAAT AACC GGTCCGCGG GTACAATGCA TG	-----	
89	PPI	A	ATACCGAGAA GTTATA GCAG GGTATGGAAT GTGCGCGC ATG	-----	28
90		B	AGCACGACAA GTTATA GCAG GGTACAAAGG AGCAGCGCAC ATG	-----	
91	GSAT	A	ATCCGCCCTG ATTAAA TTAT GGGGGGAGCG GCCTGCTGCC GTG	-----	28
92		B	ATCCGGCCTC ATTAAA TTAC GGGGGTACA ACCTGCTGCC GTG	-----	
93	ORF 05	A	CCTTCATACA CATAAA TCCC GCTTGATGT CGGGCTGCGC ATG	-----	28
94		B	ACTTCATACA CATAAA TCCC GCCTGAACGG TCGTCCGCGC ATG	-----	
95	deaminase	A	.GGCATATAC CATAAT ATGC CGGGCGGTGG CACCATGGCC GTG	-----	29
96		B	CCGCATATAC CATAAT ATGC CGGGCGGGGG CAGGCTGCC .GTG	-----	
97	RNA helic	A	TGTACGAAAC CATAAA ACAA CAGGCCGCGT CAGGCCGCG CGTG	-----	29
98		B	GGGTAGAAC CATAAA ACAA CAGGCCGCGG CAGGGCG CG CGTG	-----	
99	ORF 06	A	..ACACGCAG TATAAA CGGG GGCCCCGGCG GCGCGTATCA CATG	-----	29
100		B	ATACACGTGG TATAAA CAGA GG.CCGGACG GCGCGGACCA CATG	-----	
101	tRNA-tyr	A	GCGATAGTTA TTTAAA ACTA GGATGCCGAT CACGGATCGT CCCA	-----	29
102		B	GCGATAGTTA TTTAAA ACTA GGATGCCGGG CACCCGTGTCG TCCC	-----	
103	TBP	A	CCGGGCCCCG GTTAAA ATAG CG.CACGGGC GGATCCTGAC CAATG	-----	30
104		B	CCGGGCCCCG GTTAAA ATAG AGTGCAGCGG GGCACCGGAT CAATG	-----	
105	TIM	A	GCGTCGATAG AATAAA TACG CGCAGGGGGC CCCGTGGCGC GATGCCCGT G	-----	36
106		B	GCGTCGATAG AATAAA TACG CGC.GGGGCC GCGGTGC... GATGCCCGT G	-----	
107	Hypoth 01	A	ATTTCAACTA CATAAA TGCC TAGTTACGCA GAAATAGCAA ACGACGTACT TCGACTAATG	45	
108		B	ACTTCAACTA CATAAA TGCC TAGCTACGCA GAAATATCAA ACAAAAGTACT TCGACTAATG	45	
109	ORF 01	A	ACGGCAGGCT ATTATT ACCT TGCCCTGCGT TGTA //..G CGGGGTGCGG CAGGGGATG	52	
110		B	ACGGCAGGCT ATTATT ACCT TGCCGTGTC. TACA //..G AGGGGGCCTG CGGGGAGTG	52	
111	Methylase	A	CTACAAACGAT TTTAAG TCAG CGCCGGGGCA GCCG.//..G ATGTGGGGCA GGCAACATG	104	
112		B	CTACAAAGAT TTTAAG ACAG CGCGGGTGCC GCGG.//..T GGCACGGGG CCTATCTTG	104	
113	16S RNA	A	TCGGCGATGG TTTATA TGCC CATGGACGGG CCGATCCGAT CGTACGTGAC GC.//..AAT	220	
114		B	CCGGCGATGG TTTATA TGCC CATGGACAA GCGATCCGAT CGTACGTGAC GC.//..AAT	220	
	Archaeal promoter consensus		YTTAWA		

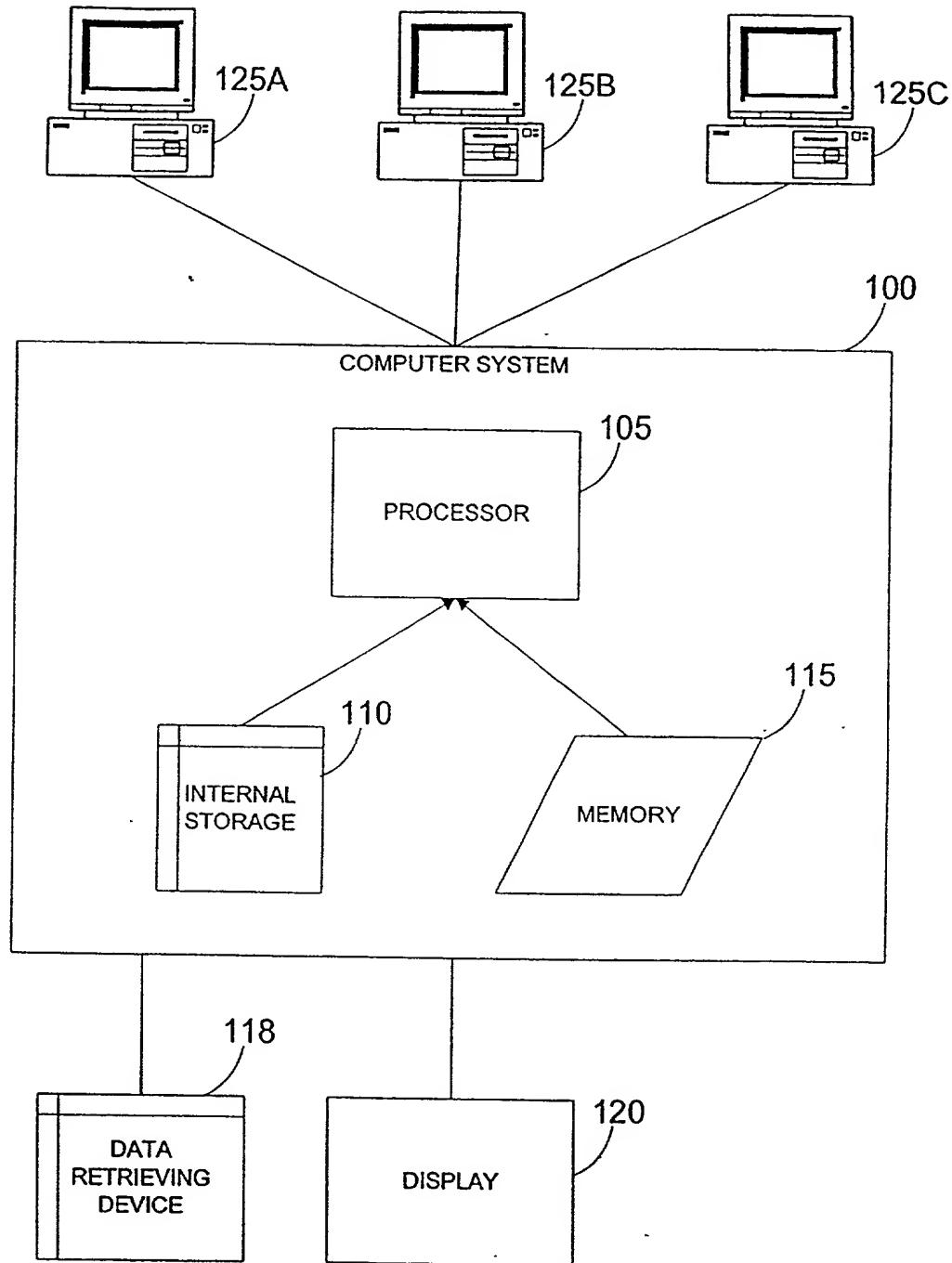


FIGURE 3

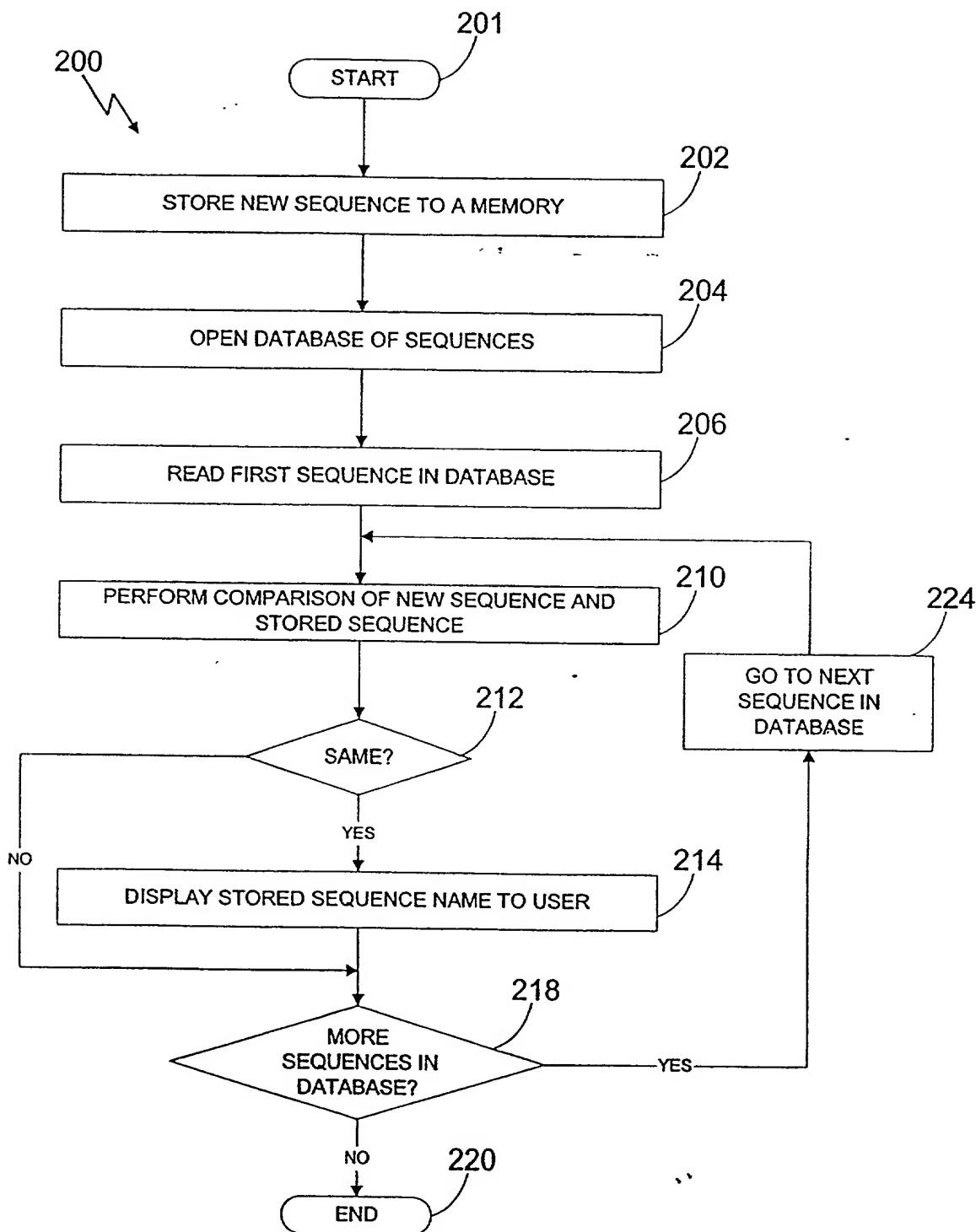


FIGURE 4

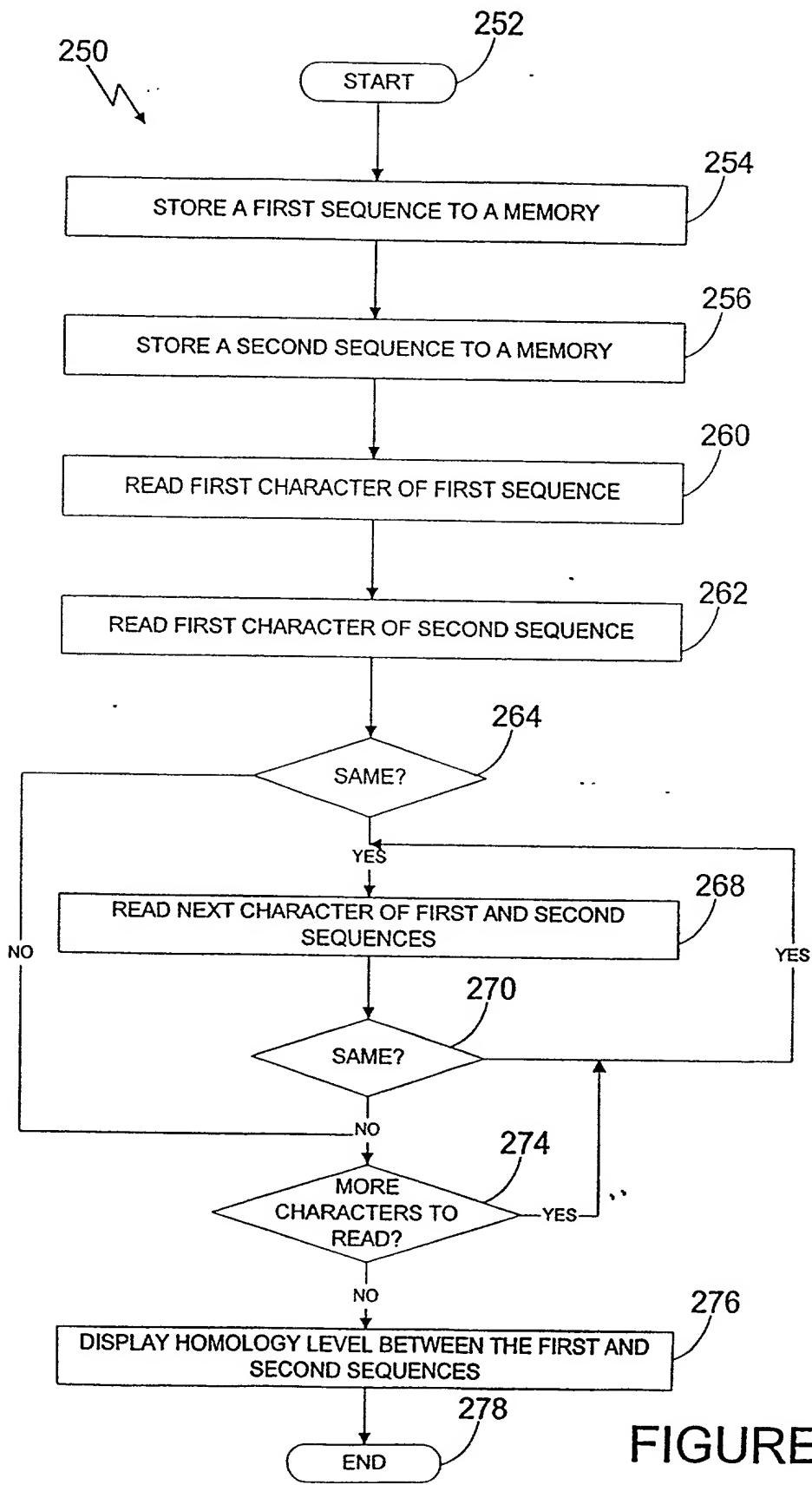


FIGURE 5

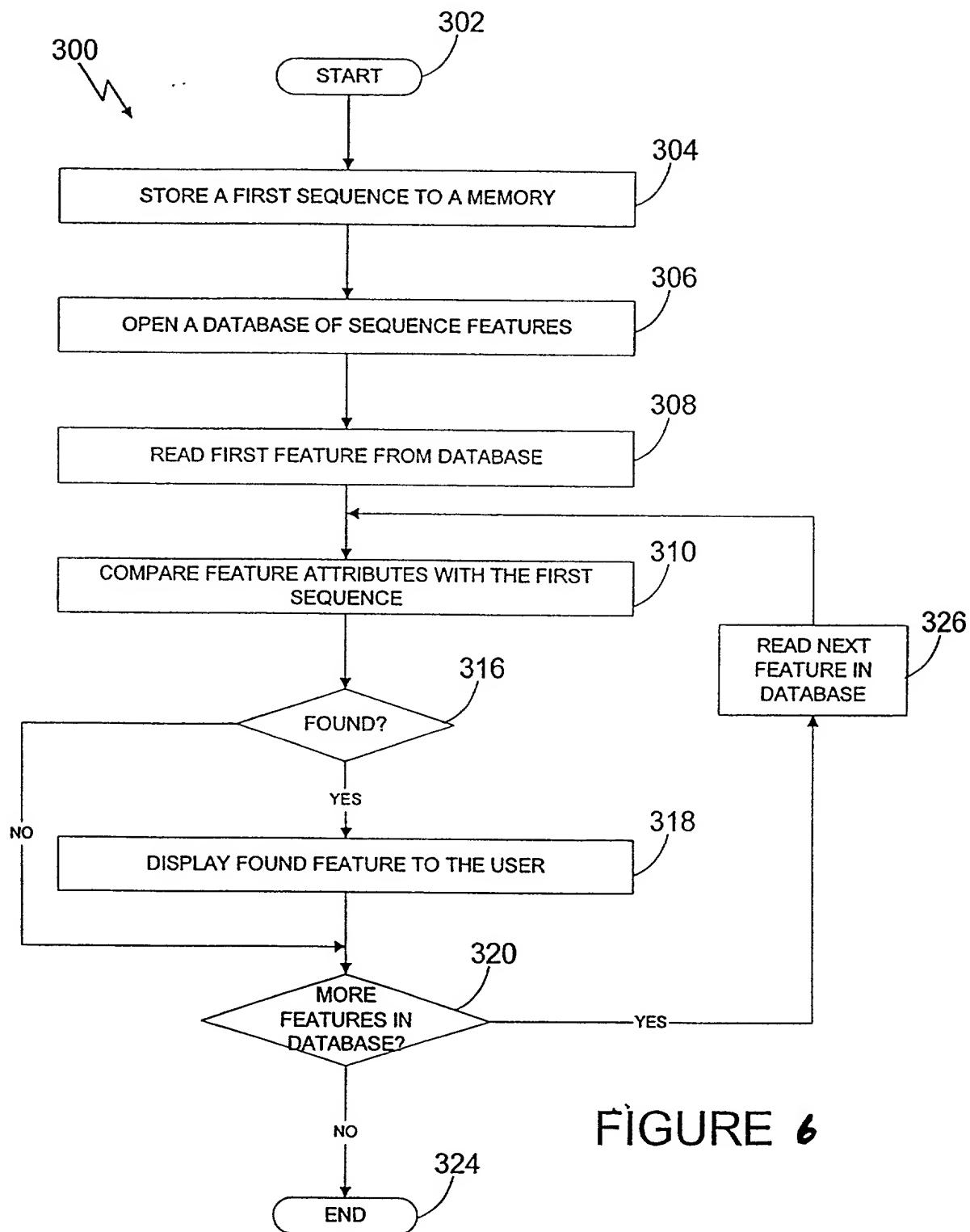


FIGURE 6